Serial No.: New - PCT/ JP2005/012029 Nat'l Phase

Filed: Herewith

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

## **LISTING OF CLAIMS:**

1. (Currently Amended) An air conditioner (1) comprising:

a heat source refrigerant circuit (12d) configured by the <u>an</u> interconnection of a compression mechanism (21), a heat source heat exchanger (23), and a heat source expansion valve (24) that reduces the <u>a</u> pressure of refrigerant condensed in the heat source heat exchanger when the heat source heat exchanger functions as a condenser;

one or more utilization refrigerant circuits (12a, 12b, 12e) connected to the heat source refrigerant circuit and configured by the interconnection of <u>a plurality of</u> utilization heat exchangers (32, 42, 52) and <u>a plurality of</u> utilization expansion valves (31, 41, 51);

a pressurizing circuit (111) that is disposed in the heat source refrigerant circuit and configured to cause eauses high-pressure gas refrigerant compressed in the compression mechanism to merge with a refrigerant whose having a pressure that is reduced in the heat source expansion valve, the refrigerant being and which is sent to the utilization refrigerant circuits; and

a cooler (121) for cooling the refrigerant whose <u>having the</u> pressure <u>that</u> is reduced in the heat source expansion valve, and which is sent to the utilization refrigerant circuits.

- (Currently Amended) The air conditioner (1) of claim 1, wherein the pressurizing circuit (111) is connected between the heat source expansion valve (24) and the cooler (121) such that the high-pressure gas refrigerant merges.
- 3. (Currently Amended) The air conditioner (1) of claim 1 or 2, further comprising

a cooling circuit (122) connected to the heat source refrigerant circuit such that some of the refrigerant sent from the heat source heat exchanger (23) to the utilization refrigerant circuits (12a, 12b, 12e) branches from the heat source refrigerant circuit (12d) and is introduced to the cooler (121), and the cooler (121) cools the refrigerant whose having a

Serial No.: New - PCT/ JP2005/012029 Nat'l Phase

Filed: Herewith

pressure that is reduced in the heat source expansion valve (24) and which is the refrigerant being sent to the utilization refrigerant circuits and thereafter returns the cooled refrigerant being returned to an intake side of the compression mechanism (21).

4. (Currently Amended) The air conditioner (1) of any of claims 1 to 3, wherein of claim 1, further comprising

the heat source heat exchanger (23) can function as an evaporator configured such that the refrigerant flows in from below and flows out from above,

a combination of refrigerating machine oil and refrigerant that does not separate into two layers in a temperature range of 30°C or below is used, and

the air conditioner further comprises an oil returning circuit (101) that is connected to a lower portion of the heat source heat exchanger and returns configured to return the refrigerating machine oil accumulating inside the heat source heat exchanger to the compression mechanism (21) together with the refrigerant[[.]], the heat source heat exchanger functioning as an evaporator configured such that the refrigerant flows in from below and flows out from above, and

a combination of refrigerating machine oil and refrigerant that does not separate into two layers in a temperature range of 30°C or below being used.

5 (New) The air conditioner of claim 2, further comprising

a cooling circuit connected to the heat source refrigerant circuit such that some of the refrigerant sent from the heat source heat exchanger to the utilization refrigerant circuits branches from the heat source refrigerant circuit and is introduced to the cooler, and the cooler cools the refrigerant having a pressure that is reduced in the heat source expansion valve, the refrigerant being sent to the utilization refrigerant circuits and thereafter the cooled refrigerant being returned to an intake side of the compression mechanism.

6 (New) The air conditioner of claim 2, further comprising an oil returning circuit connected to a lower portion of the heat source heat exchanger and configured to return the refrigerating machine oil accumulating inside the heat source

Serial No.: New - PCT/JP2005/012029 Nat'l Phase

Filed: Herewith

heat exchanger to the compression mechanism together with the refrigerant, the heat source heat exchanger functioning as an evaporator configured such that the refrigerant flows in from below and flows out from above, and

a combination of refrigerating machine oil and refrigerant that does not separate into two layers in a temperature range of 30°C or below being used.

## 7 (New) The air conditioner of claim 3, further comprising

an oil returning circuit connected to a lower portion of the heat source heat exchanger and configured to return the refrigerating machine oil accumulating inside the heat source heat exchanger to the compression mechanism together with the refrigerant, the heat source heat exchanger functioning as an evaporator configured such that the refrigerant flows in from below and flows out from above, and

a combination of refrigerating machine oil and refrigerant that does not separate into two layers in a temperature range of 30°C or below being used.

## 8 (New) The air conditioner of claim 5, further comprising

an oil returning circuit connected to a lower portion of the heat source heat exchanger and configured to return the refrigerating machine oil accumulating inside the heat source heat exchanger to the compression mechanism together with the refrigerant, the heat source heat exchanger functioning as an evaporator configured such that the refrigerant flows in from below and flows out from above, and

a combination of refrigerating machine oil and refrigerant that does not separate into two layers in a temperature range of 30°C or below being used.